/\*

\* lookup1 : straight linear search through a local file

\* of fixed length records. The file name is passed

\* as resource.

\*/

#include <string.h>

#include <stdlib.h>

#include <errno.h>

#include "dict.h"

int lookup(Dictrec \* sought, const char \* resource) {

Dictrec dr;

static FILE \* in;

static int first\_time = 1;

if (first\_time) {

first\_time = 0;

/\* open up the file

\*

\* Fill in code. \*/

if ((in = fopen(resource,"r")) == NULL){DIE(resource);}

}

/\* read from top of file, looking for match

\*

\* Fill in code. \*/

int tmp;

while(!feof(in)){

fread(&dr,sizeof(Dictrec),1,in);

if(feof(in)) break;

if((tmp=strcmp(dr.word,sought->word))==0){

strcpy(sought->text,dr.text);

break;

}

}

rewind(in);

while(1) {

/\* Fill in code. \*/

if(tmp==0){

return FOUND;

}else{

break;

}

}

return NOTFOUND;

}